**4th Grade Math, Topic 10-1 Regions and Sets**

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| **EXPLICIT INSTRUCTION**  **I do it, We do it, Y’all do it, You do it** | **ENGAGEMENT**  **All Students Saying, Writing, Doing** |
| **PROACTIVE PLANNING** | |
| Materials:  Fraction models: circles (Teaching Tools 23) colored pencils | |
| **ANTICIPATORY SET**  (5-10 MINUTES) | |
| **Computation Practice** Timing 3 minutes. Math multiplication facts. Have students record progress and change out for new sheets if  they passed off fact.  **Problem of the Day** 10-1  Picture 4.png | |
| **BUILDING A FOUNDATION**  (5-10 MINUTES) | |
| *The Language of Math*: Vocabulary instruction  ***Fraction, numerator, denominator***  Discuss answers to **Problem of the Day.** | |
| **WHOLE GROUP INSTRUCTION: Concrete**  (10-15 MINUTES) | |
| *Develop the Concept: Interactive Learning (Hands-on)*  *Picture 2.png*  *Extension:*  Picture 3.png | |
| **SCAFFOLDED INSTRUCTION: Representational**  (15-20 MINUTES) | |
| *Develop the Concept: Visual*  *Visual Learning* Bridge in Student textbook and projected (if access to document camera)  *Guided Practice* problems 1 & 2 whole class (recording what was made in the Math Journals)  *Guided Practice* problems 3 & 4 independently, then partner share responses (recording drawings in Math Journals) | |
| **INDEPENDENT PRACTICE: ABSTRACT**  **(**15-20 MINUTES) | |
| *Independent Practice* and *Problem Solving*  *Independent Practice* problems even numbers in Math Journal \*Brain Builder: Problem 25 (Use this time to monitor student work. Identify students that may need to revisit today’s concept. Identify students that may need to revisit prerequisite skills.) | |
| **FORMATIVE ASSESSMENT**  (5-10 MINUTES) | |
| Explain/Introduce student selections\*\*  **Quick Check 10-1** Have students complete and turn the Quick Check. | |
| **CENTER ACTIVITIES**  (15 MINUTES) \*This part of the lesson is beneficial for providing engaging activities while the teacher works with small groups of students who need supplemental instruction. | |
| Give students a Student Selection Menu for the week. Students choose ONE activity per day during Math Center time.  Student selections:   |  | | --- | | 1. Computer station (students log into SuccessNet and complete assigned tasks) | | 1. **Display the digits game** | | 1. **Leveled Homework** Reteaching, Practice, or Enrichment pages (have a self-check KEY for students to self-monitor) | | 1. Math War (partner game using multiplication facts) | |  | | 1. Writing station: “Create a **Problem of the Day** using division. (Leave a Problem of the Day at this station as an example.) Include a picture representation of your story problem and the solution to the problem.” |   During Math Center time, pull students based on previous days Quick Check that scored in the “Intervention” range to work in small group. Use Differentiated Instruction **Intervention** lesson with small group. | |
| **HOMEWORK** | |
| **Practice 10-1** | |